

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 34593-CON1		SERIAL NO. 10/053,201		
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; font-size: 2em; font-weight: bold; transform: rotate(-45deg);">O I P E</div> <div style="position: absolute; top: 0; right: 0; font-size: 2em; font-weight: bold; transform: rotate(45deg);">PATENT & TRADEMARK OFFICE</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">FEB 03 2003</div> </div>				LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				
				APPLICANT Harry Rosenberg et al				
				FILING DATE January 15, 2002		GROUP 2818		
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
PD	AA	5,171,379	Kumar et al.					
	AB	4,923,531	Fisher					
	AC	5,189,503	Suguro					
PD	AD	6,348,139	Inoue					
	AE							
	AF							
	AG							
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FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
PD	AM	252,442	09.06.1960	Australia				
PD	AN	55-179784	12/1980	Japan				
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
PD	AR		Hughes et al., "Grain Subdivision and the Development of Local Orientations in Rolled Tantalum" Tantalum, The Minerals, Metals & Materials Society, 1996, pgs. 257-262. (Year is sufficiently early so that the month is not an issue.)					
PD	AS		Arlt, Jr., "Sulfonation and Sulfonation to Thorium and Thorium Compounds" Kirk-Othmer Encyclopedia of chemical Technology vol. 22, pp. 541-564, (1993, Year is sufficiently early so that the month is not an issue).					
PD	AT		Kirkbride et al., "The Effect of Yttrium on the Recrystallization and Grain Growth of Tantalum", J. Less-Common Metals, vol. 9, pp. 393-408, 1965. (Year is sufficiently early so that the month is not an issue.)					
EXAMINER PHUC T. DANG				DATE CONSIDERED 7/3/2003				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

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<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 2px solid black; border-radius: 50%; text-align: center; font-size: 24px; line-height: 1;"> O I P E FEB 03 2003 PATENT & TRADEMARK OFFICE </div> </div>				LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)			
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							Yes No
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
PD	AR		National Research Corporation Press Release, pgs. 1-4, July 1964.				
PD	AS		National Research Corporation Data Sheet "SGS Tantalum", pgs. 1-7, no date.				
PD	AT		ASTM Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip, pgs. 558-561, 1992. (Year is sufficiently early so that the month is not an issue.)				
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<div style="position: relative; width: 100px; height: 100px; margin: 0 auto;"> <div style="position: absolute; top: 0; left: 0; transform: rotate(-45deg); font-weight: bold;">O I P E</div> <div style="position: absolute; bottom: 0; right: 0; transform: rotate(45deg); font-weight: bold;">J C 9 8</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">FEB 03 2003</div> </div>				LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
PD	AR		Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Materials Research Society Symposium Proceedings, vol. 322, pgs. 413-422, 1994. (Year is sufficiently early so that the month is not an issue.)
PD	AS		Kumar, et al. "Effect of Intermetallic Compounds of the Properties of Tantalum" Refractory Metals & Hard Materials, vol. 12, pgs. 35-40, 1994. (Year is sufficiently early so that the month is not an issue.)
PD	AT		Klein et al., "Inhomogeneous Textures in Tantalum Sheets" Materials Science Forum, vol. 157-162, pgs. 1423, (1994). (Year is sufficiently early so that the month is not an issue.)

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<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-15deg);"> O I P E FEB 03 2003 PATENT & TRADEMARK OFFICE </div>				PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Harry Rosenberg et al	
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PD	AR		Clark et al., "Influence of Transverse Rolling on the Microstructural and Texture Development in Pure Tantalum", Metallurgical Transactions, vol. 23A, pgs. 2183-2191, August 1992.						
PD	AS		Raabe, et al., "Texture and Microstructure of Rolled and Annealed Tantalum", Materials Science and Technology, Vol. 10, pgs. 299-305, April 1994.						
PD	AT		Wright et al., "Texture Gradient Effects in Tantalum", International Conference on Textures of Materials, 7 pgs., September 1993.						
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							Yes	No
	AK							
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	AM							
	AN							
	AO							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

PD	AP		Wright et al., "Textural and Microstructural Gradient Effects on the Mechanical Behavior of a Tantalum Plate", Metallurgical Transactions A, 25A (1994), pgs. 1-17. (Year is sufficiently early so that the month is not an issue.)
PD	AQ		Clark et al., "Effect of Processing Variables on Texture and Texture Gradients in Tantalum", Metallurgical Transactions A, Vol. 22A, September 1991, pgs. 2039-2047.
PD	AR		Kumar et al., "Corrosion Resistant Properties of Tantalum" Corrosion 95, Paper No. 253, 14 pages. (No date)

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